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For Ecology Use

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Date 6/16/06

State of Washington  
DEPT. OF ECOLOGY  
Application for a Water Right

Please follow the attached instructions to avoid unnecessary delays.

## Section 1. APPLICANT - PERSON, ORGANIZATION, OR WATER SYSTEM

Name Bertrand Watershed Improvement District Home Tel: (360) 354-1337Mailing Address 1796 Front St. Work Tel: ( ) -City Lynden State WA Zip+4 98264 + FAX: (360) 354 - 0948

## Section 2. CONTACT - PERSON TO CALL ABOUT THE APPLICATION

☐ Same as aboveName Tom Anderson P.E. Home Tel: (360) 739 - 1968Mailing Address 1317 Chuckanut Dr Work Tel: (360) 739 - 1968City Bellingham State WA Zip+4 98229 + FAX: (360) 650 - 9002Relationship to applicant Consultant with HydroLogic Services Co.

## Section 3. STATEMENT OF INTENT

The applicant requests a permit to use not more than 1,000 (gallons per minute or ☐ cubic feet per second) from a ☐ surface water source or ☒ ground water source (check only one) for the purpose(s) of See attached "Discussion of Intended Use". ATTACH A "LEGAL"

DESCRIPTION OF THE PLACE OF USE. (See instructions.) NOTE: A tax parcel number or a plat number is not sufficient.

Estimate a maximum annual quantity to be used in acre-feet per year: 463 ac-ft/yr☐ Check if the water use is proposed for a short-term project. Indicate the period of time that the water will be needed:

From \_\_\_/\_\_\_/\_\_\_ to \_\_\_/\_\_\_/\_\_\_

## Section 4. WATER SOURCE

If SURFACE WATER						If GROUNDWATER		
Name the water source and indicate if stream, spring, lake, etc. If unnamed, write "unnamed spring," "unnamed stream," etc.:						A permit is desired for up to 3 well(s).		
Number of diversions: _____								
Source flows into (name of body of water):						Size & depth of well(s): Plan is for 8" < 100'		
LOCATION								
Enter the north-south and east-west distances in feet from the point of diversion or withdrawal to the nearest section corner: 2,600 north of and 1,340 ft west of the SE corner of Section 35 R2E Twn 41, See attached "Determination of Well Locations"								
¼ of	¼ of	Section	Township	Range(E/W)	County	If location of source is platted, complete below:		
						Lot	Block	Subdivision
NW	SE	35	41	2E	Whatcom			
For Ecology Use Date Received: <u>6/16/2006</u> Priority Date: _____								
SEPA: Exempt/Not Exempt FERC License # _____ Dept. Of Health # _____								
Date Accepted As Complete _____ By _____ Date Returned _____ By _____ WRIA: <u>1</u>								

Appl. No.: 01-28443



## Section 5. GENERAL WATER SYSTEM INFORMATION

- A. Name of system, if named: \_\_\_\_\_
- B. Briefly describe your proposed water system. (See instructions.)
- C. Do you already have any water rights or claims associated with this property or system? ☐ YES ☐ NO  
PROVIDE DOCUMENTATION.

## Section 6. DOMESTIC / PUBLIC WATER SUPPLY SYSTEM INFORMATION (Completed for all domestic/public supply uses.)

- A. Number of "connections" requested: \_\_\_\_\_ Type of connection \_\_\_\_\_  
(Homes, Apartment, Recreational, etc.)
- B. Are you within the area of an approved water system? ☐ YES ☐ NO  
If yes, explain why you are unable to connect to the system. *Note: Regional water systems are identified by your County Health Department.*

**Complete C. and D. only if the proposed water system will have fifteen or more connections.**

- C. Do you have a current water system plan approved by the Washington State Department of Health? ☐ YES ☐ NO  
If yes, when was it approved? \_\_\_\_\_ Please attach the current approved version of your plan.
- D. Do you have an approved conservation plan? ☐ YES ☐ NO  
If yes, when was it approved? \_\_\_\_\_ Please attach the current approved version of your plan.

## Section 7. IRRIGATION/AGRICULTURAL/FARM INFORMATION (Complete for all irrigation and agriculture uses.)

- A. Total number of acres to be irrigated: \_\_\_\_\_
- B. List total number of acres for other specified agricultural uses:
- |           |             |
|-----------|-------------|
| Use _____ | Acres _____ |
| Use _____ | Acres _____ |
| Use _____ | Acres _____ |
- C. Total number of acres to be covered by this application: \_\_\_\_\_
- D. Family Farm Act (Initiative Measure Number 59, November 3, 1977, as amended by Chapter 237, Laws of 2001)  
Add up the acreage in which you have a controlling interest, including only:
- ‡ Acreage irrigated under water rights acquired after December 8, 1977;
  - ‡ Acreage proposed to be irrigated under this application;
  - ‡ Acreage proposed to be irrigated under other pending application(s).
1. Is the combined acreage greater than 6000 acres? ☐ YES ☐ NO
2. Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO  
If yes, enter permit no: \_\_\_\_\_
- E. Farm uses:
- Stockwater - Total # of animals \_\_\_\_\_ Animal type \_\_\_\_\_ (If dairy cattle, see below)
- Dairy - # Milking \_\_\_\_\_ # Non-milking \_\_\_\_\_



## Section 8. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water?

☐ YES ☒ NO

*NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point, and some portion of the storage will be above grade, you must also apply for a reservoir permit. You can get a reservoir permit application from the Department of Ecology.*

## Section 9. DRIVING DIRECTIONS

Provide detailed driving instructions to the project site.

Take the Guide Meridian north from I-5 in Bellingham, through Lynden to H Street (the last intersection before the Canadian border), turn left go about a mile and a half and turn right into 626 H Street Rd. Go past metal building on the east property line across the bridge on the creek and turn right into field and go to the NE corner of the property.

## Section 10. REQUIRED MAP

A. Attach a map of the project. (See instructions.)

## Section 11. PROPERTY OWNERSHIP

A. Does the applicant own the land on which the water will be used?

☐ YES ☒ NO

If no, explain the applicant's interest in the place of use and provide the name(s) and address(es) of the owner(s):

The WID as the applicant is intending on using the water for stream flow augmentation as part of its effort to solve the water supply problem in the Bertrand drainage through negotiations that are being done as part of a watershed plan.

B. Does the applicant own the land on which the water source is located?

☐ YES ☒ NO

If no, submit a copy of agreement:

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though I may have been assisted in the preparation of the above application by the employees of the Department of Ecology, all responsibility for the accuracy of the information rests with me.

Vern Vandenberg Pres. WID Board  
Applicant (or authorized representative)

6-13-06  
Date

\_\_\_\_\_  
Landowner for place of use (if same as applicant, write "same")

\_\_\_\_\_  
Date

Use this page to continue your answers to any questions on the application. Please indicate section number before answer.

Discussion of Intended Use

The planned use of the water during testing is for stream flow augmentation only and should be considered non-consumptive. The goal of this project is to collect data and demonstrate the feasibility of using the storage capacity of the surficial aquifer to supply water for flow augmentation of Bertrand Creek as part of the WID's management strategy for the Bertrand Creek drainage. If successful this intended use will become part of the WID's management of water in the Bertrand drainage and will continue indefinitely following completion of the negotiations being done as part of the watershed plan..

Determination of Well Locations

The well location for the first wells was determined by some geologic field investigations.

We are returning your application for the following reason(s):	
_____ Examination fee was not enclosed	APPLICANT PLEASE RETURN TO CASHIER, PO BOX 5128, LACEY, WA 98509-5128
_____ Section number(s) _____ is/are incomplete	APPLICANT PLEASE RETURN TO THE APPROPRIATE REGIONAL OFFICE
Explanation:	
Please provide the additional information requested above and return your application by _____ (date).	

Ecology staff \_\_\_\_\_ Date \_\_\_\_\_

Ecology is an Equal Opportunity and Affirmative Action employer.

To receive this document in alternative format, contact the Water Resources Program at (360) 407-6604 (Voice) or (360) 407-6006 (TDD).



## Cover Letter

The attached water right application is intended to initiate the Department of Ecology's issuance of a preliminary permit to the Bertrand Watershed Improvement District (WID) for the construction and testing of a well or wells. The intent of the WID is to test the potential of the surficial aquifer in the Bertrand drainage between H Street and the Canadian border to supply water for the non-consumptive use of improving stream flows in Bertrand creek. The request is for up to two cubic feet per second of water for flow augmentation during the proposed two years of testing. This testing is being done as part of the implementation of the WRIA 1 watershed plan and is funded by a grant from Ecology (#G0600328).

Water quality monitoring and treatment, if necessary will be carried out as the testing progresses. The goal this year is to construct one well, test it through September. Following this year's test an analysis will be done to determine if more wells and testing are necessary.